

WHAT IS CLAIMED IS:

1. A recording apparatus comprising:

 a feeding unit for storing and feeding a recording medium;

5 a recording unit for recording information on said recording medium being fed from said feeding unit;

 a discharging unit discharging said recording medium transported through said recording unit;

10 a guide member forming a sheet transporting surface disposed on a downstream side of said recording unit in a transporting direction of said recording medium and said guide member being inclined to the gravity direction;

15 a warping part for warping said recording medium formed on said guide member.

2. A recording apparatus according to claim 1, wherein said warping part includes a flat surface which is uniform over a direction orthogonal to said medium transporting direction.

20 3. A recording apparatus according to claim 1, further comprising a sheet suction unit for sucking said recording medium disposed near said warping part.

25 4. A recording apparatus according to claim 1, further comprising a sheet discharge roller for discharging said

recording medium disposed immediately after said warping part.

5. A recording apparatus according to claim 1, wherein said warping part includes an inclined recording medium
5 transporting surface for changing the transporting direction of said recording medium to thereby warp said recording medium.

6. A recording apparatus comprising:

10 a feeding unit for storing and feeding recording medium;
a recording unit for recording information on said recording medium fed from said feeding unit;

15 a discharging unit for discharging outside said recording medium transported through said recording unit;

20 a guide member forming a sheet transporting surface disposed on a downstream side of said recording unit in a transporting direction of said recording medium;

a warping part for warping said recording medium formed on said guide member; and

25 supporting parts formed on said guide member, said supporting parts supporting both side edges of said recording medium warped by said warping part.

7. A recording apparatus according to claim 6, wherein said warping part includes an inclined recording medium
25 transporting surface for changing the transporting direction

of said recording medium to thereby warp said recording medium, and said supporting parts have support surfaces which are flush with said recording medium transporting surface.

5 8. A recording apparatus according to claim 6, wherein a plurality of said supporting parts are arranged such that a length of the arrangement of said supporting parts is narrower than each of said recording medium of the different widths.

10 9. A recording apparatus according to claim 7, wherein an auxiliary supporting part for supporting both side edges of said recording medium is provided on said recording medium transporting surface.

15 10. A recording apparatus according to claim 5, wherein said inclined, a recording medium transporting surface of said warping part is formed by bending a plate like member in a direction orthogonal to said medium transporting direction.

20 11. A recording apparatus according to claim 1, wherein said warping part is warped so that the printing surface of said recording medium is concavely curved.

25 12. A recording apparatus according to claim 11, wherein an inclination angle of said inclined recording medium

transporting surface of said warping part is 6°.

13. A recording apparatus according to claim 1, wherein said
warping part includes a first sheet transporting surface
5 ascendingly inclined and a second sheet transporting surface
descendingly inclined with respect to the sheet transporting
path of said recording medium.